

RECEIVED

FEB 20 2014

DEPT. OF WATER RESOURCES
SOUTHERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 79140

MINIMUM REQUIREMENTS CHECKLIST

TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable for processing by the Department. Incomplete applications will be returned. The instructions, fee schedule, Part 2A reports and additional Part 2B forms are available from any Department office or on the Department's website at <http://www.idwr.idaho.gov/>.

Check whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

Yes N/A * Means the item is always required and must be included with the application.

- ☒ * Completed Application for Transfer of Water Right form, Part 1.
- ☒ * Signature of applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative.
- ☒ * Application for Transfer Part 2A. Attach a Part 2A report describing each water right in the transfer as currently recorded.
- ☐ ☒ Complete and attach an Application for Transfer Part 2B for each water right for which only a portion is proposed to be changed through this transfer application.
- ☒ * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s).
- ☒ * Correct fee submitted with transfer application form. (Fee schedule is on website and instructions for application for transfer.)

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9.

- ☐ ☒ #1 If the applicant is a business, partnership, organization, or association, and not currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder. (See Part 1.)
- ☐ ☒ #2a Water Right ownership documentation if Dept. records do not show the transfer applicant as the current water right owner. Additional fee(s) required for water right ownership changes; see fee schedule.
- ☐ ☒ #2b If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Additional fee(s) required for water right ownership changes; see fee schedule.
- ☐ ☒ #3 Documentation of authority to make the change if the applicant is not the water right owner.
- ☐ ☒ #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.)
- ☐ ☒ #5 If the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at <http://www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm>.
- ☐ ☐ #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer. (See Part 1.5.c.)
- ☒ * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A.)
- ☐ ☒ #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use.
- ☐ ☒ #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B.) Additional fee required for proposed changes to nature of use; see fee schedule.
- ☐ ☒ #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.)
- ☒ ☐ #9 Other. Please describe: Stream Depletion Analysis.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 79140

RECEIVED

FEB 20 2014

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Name of Applicant Douglas C. Walton and or Diana L. Whiting Phone 208-788-1731

Mailing address P.O. Box 1093 Ketchum, ID 83340 Email _____

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it **Attachment #1**.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it **Attachment #2a**.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Label it **Attachment #2b**.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it **Attachment #3**.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No Representative

Name of Representative Zach Latham or Charles G. Brockway- Brockway Engineering Phone 208-736-8543

Mailing address 2016 Washington St. N. Suite #4 Twin Falls, ID 83301 Email _____

- ☐ Send all correspondence for this application to the representative and not to the applicant.
- OR
- ☒ Send original correspondence to the applicant and copies to the representative.
- ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant.
- OR
- ☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it **Attachment #4**.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Douglas C. Walton
Signature of Applicant or Authorized Representative

Douglas C. Walton
Print Name and Title if applicable

Feb 11, 2014
Date

Diana L. Whiting
Signature of Applicant or Authorized Representative

Diana L. Whiting
Print Name and Title if applicable

2/11/2014
Date

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☒ Other Change Source
2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label it **Part 1A.2**. Applicant seeks to change the point of diversion associated with 37-22675 from the Big Wood River to an existing ground water well. See attached stream depletion analysis.

AMENDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☒ ☐	37-22675	0.19 /	Irrigation	4/15 to 10/31	Groundwater/Big Wood River
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 0.19 cfs and/or _____ ac-ft

2. Total amount of water proposed to be transferred or changed 0.19 cubic feet per second and/or _____ acre-feet per annum.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed-the following chart is therefore not completed. (Proceed to #4.)
☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA.
 Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
		SE	NE	SE	5	02N	18E	BLAINE	GROUND WATER	EXISTING DOM. WEL

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	4									0.3								0.3
02N	18E	5													3.4			0.6	4.0

Total Acres (for irrigation use) **4.3

**Irrigation limited to 4.2 acres within 4.3 acre PPU on applicant's land.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☒ ☐	37-22675	0.19 /	Irrigation	4/15 to 10/31	Groundwater / NA
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 0.19 cfs and/or ac-ft

2. Total amount of water proposed to be transferred or changed 0.19 cubic feet per second and/or acre-feet per annum.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed-the following chart is therefore not completed. (Proceed to #4.)
☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA.
 Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
		SE	NE	SE	5	02N	18E	BLAINE	GROUND WATER	EXISTING DOM. WEL

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	4										0.3							0.3
02N	18E	5													3.5			1.3	4.8

Total Acres (for irrigation use) **5.1

**Irrigation limited to 4.2 acres within 5.1 acre PPU on applicant's land.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future:

The proposed POD is an existing well, capable of irrigating the acres described in this application. The well will be configured to allow a measuring device and lockable controlling works to be installed.

- b. Who owns the property at the point(s) of diversion? Applicant.

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:
N/A.

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?

If yes, ☐ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it **Attachment #6**. List the name of the entity and type of lien: None.

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:

None, the irrigated area in association with this water right transfer will not change.

- e. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) use:

None.

- f. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- | | | |
|--------------------------|-------------------------------------|---|
| ☐ | ☒ | undergone a period of five or more consecutive years of non-use, |
| ☐ | ☒ | currently leased to the Water Supply Bank, |
| ☐ | ☒ | currently used in a mitigation plan limiting the use of water under the right, or |
| ☐ | ☒ | currently enrolled in a Federal set-aside program limiting the use of water under the rights? |

If yes, describe:

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 37-22675

Current Owner: DOUGLAS C WALTON
DIANA L WHITING

Priority Date: 5/1/1883

Origin: Water Right

Status: Active

Basis: Decreed

Source

BIG WOOD RIVER

Tributary

MALAD RIVER

Beneficial Use

IRRIGATION

From To

04/15 to 10/31

Diversion Rate

0.19 CFS

Annual Volume

Total Diversion

0.19 CFS

Location of Point(s) of Diversion

BIG WOOD RIVER

BLAINE County

SW1/4NE1/4

Sec. 5, Twp 02N, Rge 18E B.M.

BIG WOOD RIVER

BLAINE County

SE1/4NE1/4

Sec. 5, Twp 02N, Rge 18E B.M.

Place of Use

IRRIGATION Within BLAINE County

T02N R18E S4

NWSW

0.30

T02N R18E S5

NESE

3.20

T02N R18E S5

SESE

0.70

Total Acres: 4.2

Page 6 of 7

Conditions of Approval:

1. This right shall provide no more than 0.03 cfs per acre at the field headgate for irrigation of the lands in the place of use whenever sprinkler methods of irrigation are used.
2. T19 Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
3. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
4. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 37.
5. T07 The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
6. R43 The right holder shall maintain a measuring device and lockable controlling works of a type approved by the Department in a manner that will provide the watermaster suitable control of the diversion(s).
7. J01 Property is also known as Lot 12, River Grove Subdivision.
8. 004 This right does not grant any right-of-way or easement across the land of another.

Decreed Date: 8/30/2011

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 3

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DEPT. OF WATER RESOURCES
SOUTHERN REGION

A. PLAT MAP (See Part 3A of Instructions for application for transfer for complete requirements.)

- ☒ Attach a map of the diversion, measurement, control, and distribution system. Label it **Attachment #7a**.
- ☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it **Attachment #7b**. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

B. CHANGES IN NATURE OF USE (Water Balance)

- ☐ If you propose to change the nature of use or period of use of all or part of the right(s) listed in this application, attach documentation describing the extent of historic beneficial use of the portion of the right(s) proposed to be changed. Also attach documentation showing that the portion of the right(s) to be changed will not be enlarged in rate, volume, or consumptive use through the proposed change. Label it **Attachment #8a**.

C. PLACE OF USE CHANGES TO SUPPLEMENTAL IRRIGATION RIGHTS

- ☐ If you propose to change the place of use of a supplemental irrigation right, answer below and attach supporting documentation. Label it **Attachment #8b**.

Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required on Part 3B above.:

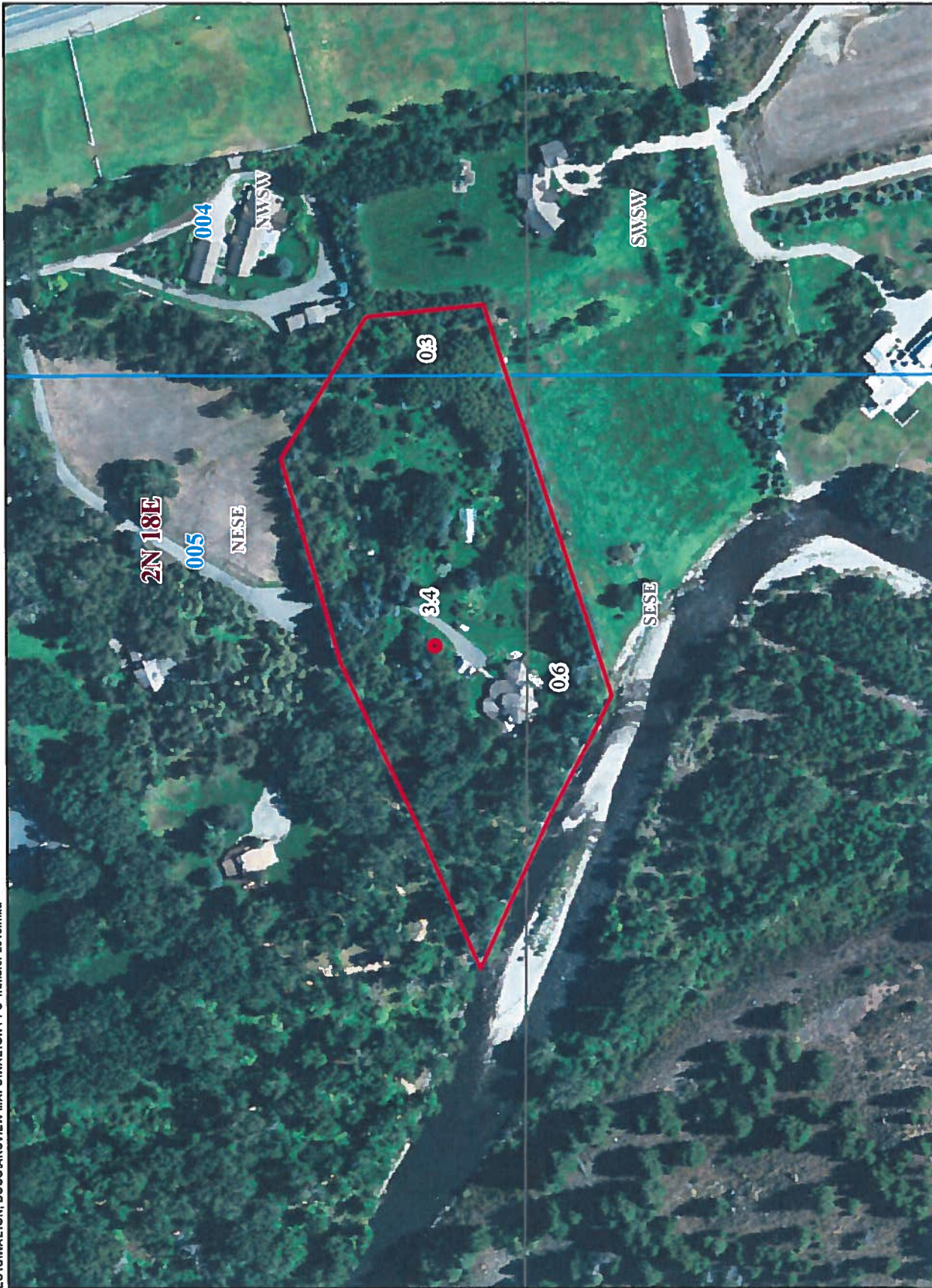
FOR DEPARTMENT USE ONLY

Transfer contains 7 pages and 0 attachments.

Received by J. Cooper Date 2/20/2014 Prelim. Check by J. Cooper Date 2/21/2014

Fee Paid 200⁰⁰ Date 2/26/2014 Received by J. Lopez Receipt # 5033821

Add'l Fee Paid	Date	Received by	Receipt #
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- Legend**
- Point of Diversion
 - Proposed PPU
 - Parcels
 - Township
 - Sections
 - QQ Lines

ATTACHMENT #7A/#7B
WALTON/WHITING
TRANSFER MAP 2014
NAIP 2013 AERIAL PHOTO.



0 75 150 300 Feet

ATTACHMENT #7A/#7B
WALTON/WHITING
TRANSFER MAP 2014
NAIP 2013 AERIAL PHOTO.

Legend
Point of Diversion
Proposed PPU
Parcels
Township
Sections
QQ Lines

N



Walton/Whiting- Stream Depletion Analysis for Water Right Transfer

To: Mr. Jeff Cooper, IDWR Southern Region Office

From: Zach Latham

Cc:

Date: February 18th 2014

Re: Walton/Whiting Water Right Transfer Application

This memo serves as a stream depletion analysis for the water right transfer application filed on behalf of Douglas C. Walton and Diana L Whiting. The application intends to transfer Big Wood River water right 37-22675 into an existing domestic well. The water right is appurtenant to property north of Hailey, specifically Lot 12, River Grove Subdivision the NWSW of Section 4 and the NESE and SESE of Section 5, T.02N R.18E. The discharge rate associated with ground water right 37-22675 is 0.19 cfs for irrigation of 4.2 acres with a decreed priority date of 5/1/1883. 37-22675 was partially decreed in the SRBA in 2011. Although 37-22675 has historically been diverted from the Purdum Slough, the relocation of the historic delivery canals and desire by upstream water right holders to route all Purdum Slough water back to the Big Wood River, necessitates a new diversion for 37-22675. Therefore, the applicant proposes to stop diversion of 0.19 cfs in the Big Wood River and divert the same 0.19 cfs of ground water from the existing domestic well on the applicant's property.

The existing 6" Walton well is located approximately 225' from the Big Wood River, is 53' deep and is drilled in gravels, boulders and clays (alluvium). The local aquifer appears to be approximately 120' deep per surrounding well logs. A stream depletion analysis was performed to determine the portion of water supplied to the Walton well by the Big Wood River using the Glover and Balmer method¹. This analysis included a calculated transmissivity value of 24,086 ft²/day and a calculated hydraulic conductivity value of 200.7 ft/day, both of which were derived using data from the existing Walton well and a transmissivity estimation² with effects of a partial penetration method³ (see attached analysis summary sheets and plot). Transmissivity, conductivity and storativity (0.15) values used in the stream depletion analysis are within the range of published values for alluvium in this area.

The resulting analysis estimates approximately 68% of the proposed pumping (85.3 gpm) from the Walton well as a result of the water right transfer application, originates from the Big Wood River within a 24 hour period, exceeding the 50% in 24 hour criteria set forth by IDWR Water Right Transfer Processing Memo No. 24.

¹ Glover, R. E. and C. G. Balmer (1954) "River depletion resulting from pumping a well near a river". Am. Geophys. Union Trans. v. 35. pt. 3, pp. 468-470.

² Bradbury, K.R., and E.R. Rtothschild, (1985) "A computerized technique for estimating the hydraulic conductivity of aquifers from specific capacity data" Ground Water, v.23, no.2, pp. 240-246.

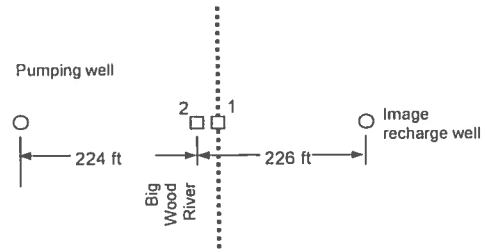
³ Sternberg, Y.M., (1973) "Efficiency of partially penetrating wells". Groundwater v.11 no.3 pp5-8.

Estimation of Timing of Aquifer-Stream Interaction

PROJECT: Walton WR Transfer Application
Brockway Engineering, PLLC 2/18/14

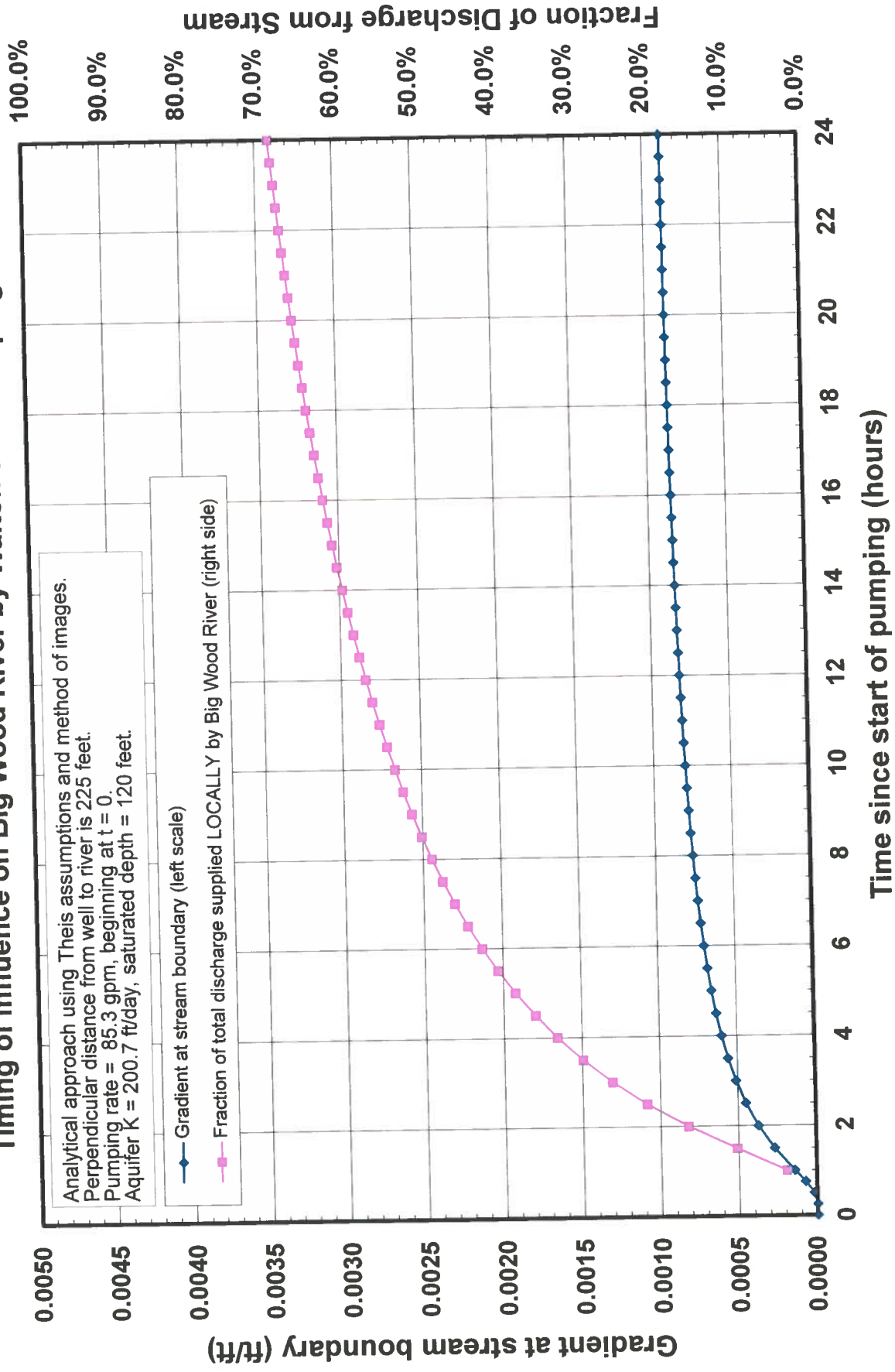
These assumptions apply.
Method of images used to estimate
gw gradient at stream boundary.

Hydraulic conductivity: 200.7 ft/day
Aquifer saturated thickness: 120 feet
Transmissivity: 24,084 ft²/d
Storage coefficient: 0.15
Pumping rate: 85.3 gpm = 16416 ft³/d
Pumping time: 24 hrs



							RESULTANT using		Portion of total discharge		
IMAGE WELL				PUMPING WELL			R = 224' (pumping) and		supplied by the stream		
R = 226				R = 224			R = 226' (image)		(after Glover and Balmer, 1954)		
feet		feet		feet		feet		Gradient			
Time (hrs)	u	W(u)	z (feet)	u	W(u)	z (feet)	z (feet)	z (feet)	at river	x'	Qs / Q
0	--	--	0.000	--	--	0.000	0.000	0.0000	0.0000		
0.25	7.6E+00	0.000	0.000	7.5E+00	0.000	0.000	0.000	0.0000	0.0000	2.763	
0.5	3.8E+00	0.005	0.000	3.8E+00	0.005	0.000	0.000	0.0000	0.0000	1.954	
0.75	2.5E+00	0.024	0.001	2.5E+00	0.025	0.001	-0.001	0.0001	0.0001	1.595	2.5%
1	1.9E+00	0.056	0.003	1.9E+00	0.058	0.003	-0.003	0.0001	0.0001	1.382	3.9%
1.5	1.3E+00	0.141	0.008	1.3E+00	0.146	0.008	-0.008	0.0003	0.0003	1.128	10.3%
2	9.5E-01	0.237	0.013	9.4E-01	0.244	0.013	-0.013	0.0004	0.0004	0.977	16.5%
2.5	7.6E-01	0.332	0.018	7.5E-01	0.340	0.018	-0.018	0.0005	0.0005	0.874	21.8%
3	6.4E-01	0.423	0.023	6.3E-01	0.432	0.023	-0.023	0.0005	0.0005	0.798	26.2%
3.5	5.5E-01	0.508	0.028	5.4E-01	0.519	0.028	-0.028	0.0006	0.0006	0.738	30.0%
4	4.8E-01	0.588	0.032	4.7E-01	0.600	0.033	-0.032	0.0006	0.0006	0.691	33.2%
4.5	4.2E-01	0.664	0.036	4.2E-01	0.675	0.037	-0.036	0.0006	0.0006	0.651	36.0%
5	3.8E-01	0.734	0.040	3.8E-01	0.746	0.040	-0.040	0.0007	0.0007	0.618	38.5%
5.5	3.5E-01	0.800	0.043	3.4E-01	0.813	0.044	-0.043	0.0007	0.0007	0.589	40.7%
6	3.2E-01	0.863	0.047	3.1E-01	0.876	0.047	-0.047	0.0007	0.0007	0.564	42.7%
6.5	2.9E-01	0.922	0.050	2.9E-01	0.935	0.051	-0.050	0.0007	0.0007	0.542	44.4%
7	2.7E-01	0.977	0.053	2.7E-01	0.991	0.054	-0.053	0.0007	0.0007	0.522	46.1%
7.5	2.5E-01	1.030	0.056	2.5E-01	1.044	0.057	-0.056	0.0007	0.0007	0.504	47.6%
8	2.4E-01	1.081	0.059	2.3E-01	1.095	0.059	-0.059	0.0008	0.0008	0.488	48.9%
8.5	2.2E-01	1.129	0.061	2.2E-01	1.143	0.062	-0.061	0.0008	0.0008	0.474	50.2%
9	2.1E-01	1.175	0.064	2.1E-01	1.189	0.065	-0.064	0.0008	0.0008	0.461	51.3%
9.5	2.0E-01	1.219	0.066	2.0E-01	1.234	0.067	-0.066	0.0008	0.0008	0.448	52.4%
10	1.9E-01	1.261	0.068	1.9E-01	1.276	0.069	-0.068	0.0008	0.0008	0.437	53.4%
10.5	1.8E-01	1.302	0.071	1.8E-01	1.316	0.071	-0.071	0.0008	0.0008	0.426	54.4%
11	1.7E-01	1.341	0.073	1.7E-01	1.356	0.074	-0.073	0.0008	0.0008	0.417	55.3%
11.5	1.7E-01	1.378	0.075	1.6E-01	1.393	0.076	-0.075	0.0008	0.0008	0.407	56.1%
12	1.6E-01	1.414	0.077	1.6E-01	1.429	0.078	-0.077	0.0008	0.0008	0.399	56.9%
12.5	1.5E-01	1.449	0.079	1.5E-01	1.464	0.079	-0.079	0.0008	0.0008	0.391	57.7%
13	1.5E-01	1.483	0.080	1.4E-01	1.498	0.081	-0.080	0.0008	0.0008	0.383	58.4%
13.5	1.4E-01	1.516	0.082	1.4E-01	1.531	0.083	-0.082	0.0008	0.0008	0.376	59.1%
14	1.4E-01	1.547	0.084	1.3E-01	1.563	0.085	-0.084	0.0008	0.0008	0.369	59.7%
14.5	1.3E-01	1.578	0.086	1.3E-01	1.594	0.086	-0.086	0.0008	0.0008	0.363	60.3%
15	1.3E-01	1.608	0.087	1.3E-01	1.623	0.088	-0.087	0.0009	0.0009	0.357	60.9%
15.5	1.2E-01	1.637	0.089	1.2E-01	1.652	0.090	-0.089	0.0009	0.0009	0.351	61.5%
16	1.2E-01	1.665	0.090	1.2E-01	1.681	0.091	-0.090	0.0009	0.0009	0.345	62.0%
16.5	1.2E-01	1.692	0.092	1.1E-01	1.708	0.093	-0.092	0.0009	0.0009	0.340	62.5%
17	1.1E-01	1.719	0.093	1.1E-01	1.735	0.094	-0.093	0.0009	0.0009	0.335	63.0%
17.5	1.1E-01	1.745	0.095	1.1E-01	1.761	0.096	-0.095	0.0009	0.0009	0.330	63.5%
18	1.1E-01	1.770	0.096	1.0E-01	1.786	0.097	-0.096	0.0009	0.0009	0.326	63.9%
18.5	1.0E-01	1.795	0.097	1.0E-01	1.811	0.098	-0.097	0.0009	0.0009	0.321	64.4%
19	1.0E-01	1.819	0.099	9.9E-02	1.835	0.100	-0.099	0.0009	0.0009	0.317	64.8%
19.5	9.8E-02	1.842	0.100	9.6E-02	1.858	0.101	-0.100	0.0009	0.0009	0.313	65.2%
20	9.5E-02	1.865	0.101	9.4E-02	1.882	0.102	-0.101	0.0009	0.0009	0.309	65.6%
20.5	9.3E-02	1.888	0.102	9.1E-02	1.904	0.103	-0.102	0.0009	0.0009	0.305	66.0%
21	9.1E-02	1.910	0.104	8.9E-02	1.926	0.104	-0.104	0.0009	0.0009	0.301	66.3%
21.5	8.9E-02	1.931	0.105	8.7E-02	1.948	0.106	-0.105	0.0009	0.0009	0.298	66.7%
22	8.7E-02	1.952	0.106	8.5E-02	1.969	0.107	-0.106	0.0009	0.0009	0.295	67.0%
22.5	8.5E-02	1.973	0.107	8.3E-02	1.989	0.108	-0.107	0.0009	0.0009	0.291	67.4%
23	8.3E-02	1.993	0.108	8.2E-02	2.010	0.109	-0.108	0.0009	0.0009	0.288	67.7%
23.5	8.1E-02	2.013	0.109	8.0E-02	2.029	0.110	-0.109	0.0009	0.0009	0.285	68.0%
24	8.0E-02	2.032	0.110	7.8E-02	2.049	0.111	-0.110	0.0009	0.0009	0.282	68.3%

Timing of Influence on Big Wood River by Walton Well Pumping



Transmissivity Estimation with Partial Penetration

Bradbury and Rothschild (1985) specific capacity method.

Suitable for situations where a single time and drawdown measurement is available.

Includes effects of partial penetration using Sternberg (1973) approach.

Walton Well:

Well pumping rate	50 [gpm]
Drawdown	20 [ft]
Time	120 [minutes]
Well radius	6 [inches]
Storativity	0.15 [unitless]
Aquifer thickness	120 [ft]
Open interval	1 [ft]

Calculations:

Specific capacity	2.5 [gpm/ft]
L/b	0.008333
G	2.887434
sp	308.5914
Trial T	24085.74 [ft ² /d]
Calc T	24085.74 [ft ² /d]
Calc K	200.71 [ft/d]

RECEIVED

JUN 25 1973

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

~~Department of Water Resources~~
Southern District Office

[illegible]



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 12, 2014

DOUGLAS C WALTON
DIANA L WHITING
PO BOX 1093
KETCHUM, ID 83340

RE: Transfer No. 79140
Water Right No(s). 37-22675

Dear Applicant(s):

The Department of Water Resources has received your water right transfer application. Please refer to the transfer number referenced above in all future correspondence regarding this transfer.

A legal notice of the application has been prepared and is scheduled for publication in the **IDAHO MOUNTAIN EXPRESS** on **3/19/2014** and **3/26/2014**. Protests to this application may be submitted for a period ending ten (10) days after the second publication (**April 7, 2014**).

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the approval document.

Please contact this office if you have any questions regarding the application.

Sincerely,

Denise Maline
Administrative Assistant

cc:

BROCKWAY ENGINEERING PLLC
C/O CHARLES G BROCKWAY OR ZACH LATHAM
2016 N WASHINGTON ST STE 4
TWIN FALLS, ID 83301

Maline, Denise

From: Maline, Denise
Sent: Wednesday, March 12, 2014 10:18 AM
To: Kevin Lakey (Water Dist. 37)
Subject: Comment Letter for Transfer 79140
Attachments: Comment Letter.pdf; Transfer 79140.pdf

Dear Kevin,

Attached please find a cover letter, recommendation form, and copy of Transfer 79140. Please review the attached information and provide any necessary comments within 21 days. Feel free to contact our office if you have any questions.

Thank you in advance,

Denise Maline
Administrative Assistant
Idaho Dept of Water Resources, Southern Region
650 Addison Ave W, Ste 500
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-3380

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 12, 2014

KEVIN LAKEY
WATER DISTRICT #37
107 W 1ST
SHOSHONE, ID 83352

Via E-mail

RE: Transfer No. 79140
Water Right No(s): 37-22675

Dear Mr. Lakey:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form as necessary, and return it to this office within 21 days of the date of this letter.

If the application is approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

Maline, Denise

From: Maline, Denise
Sent: Tuesday, March 11, 2014 5:11 PM
To: Idaho Mountain Express
Subject: LEGAL NOTICES
Attachments: Idaho Mtn Express Cover Letter.docx; Idaho Mtn Express Ad.docx; AB Mitigation Ad .docx; IGWA Mitigation Ad (2nd).docx

Attached please find **(3)** legal notices being submitted for publication on March 19th & 26th, 2014. Please feel free to contact me if you have any questions, or if you are not able to run the ads on the dates requested.

Thank you in advance,

Denise Maline
Idaho Dept of Water Resources
Administrative Assistant, Southern Region
650 Addison Ave W, Ste 500
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 11, 2014

LEGAL NOTICE DEPARTMENT
IDAHO MOUNTAIN EXPRESS
PO BOX 1013
KETCHUM, ID 83340

RE: Transfer No. 79140
Water Right No(s): 37-22675

RE: Application For Permit No.(s): 37-22870

RE: Notice of Second Mitigation Plan submitted by Idaho Ground Water Appropriators Inc. (IGWA)

RE: Notice of Mitigation Plan submitted by the A&B Irrigation District

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before April 7, 2014. Your cooperation is appreciated.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

37-22870

TERRENCE DANIELS

259 YELLOW MOUNTAIN ROAD

GREENWOOD, VA 22943

Point of Diversion NWSWSW S3 T03N R18E BLAINE County Source GROUND WATER Tributary

Use: COOLING 01/01 to 12/31 0.11 CFS

Use: HEATING 01/01 to 12/31 0.11 CFS

Total Diversion: 0.11 CFS

Date Filed: 2/26/2014

Place Of Use: HEATING & COOLING

T03N R18E S3 SWSW

Application for Permit 37-22870, filed in the name of Terrence Daniels, seeks to appropriate 0.11 cfs of ground water for heating and cooling. Heating and cooling uses will be returned to the aquifer through an injection well. The proposed place of use and point of diversion are located approximately 3 miles east and 4.5 miles south of the City of Ketchum.

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 79140**

DOUGLAS C WALTON and DIANA L WHITING, PO BOX 1093, KETCHUM, ID 83340; has filed Application No. 79140 for changes to the following water rights within BLAINE County(s): Right No(s). 37-22675. The purpose of the transfer is to change a portion of the above rights as follows: Application for transfer proposes to change the point of diversion (POD) and place of use (POU) for Big Wood River right 37-22675, which is currently authorized to divert 0.19 CFS for 4.2 acres of irrigation on property located approximately 0.3 mi – 0.4 mi N & 0.5 – 0.7 mi. W of Hailey (Lot 12, River Grove Ranch Subdivision). Application proposes to change two PODs from the Big Wood River, located just upstream of the POU, to a well located approximately 250 ft from the Big Wood River, within the current authorized POU. Application also proposes to create a 4.3-acre permissible place of use (PPU) to include a small portion of ground adjacent to the current authorized POU. Right will continue to be limited to 4.2 acres within the proposed 4.3-acre PPU and continue to under the control of the Big Wood River Water District (37).

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Southern Region office at (208) 736-3033; or for a full description of the rights &/or proposed transfer, please visit our website at www.idwr.idaho.gov and search under New Water Right Applications. Protests may be submitted based on the criteria of Sec 42-222 and 42-203A, Idaho Code. Any protest against the approval of this application(s) must be filed with the Director, Dept. of Water Resources, Southern Region, 650 Addison Ave W, Ste 500, Twin Falls, ID 83301 together with a protest fee of \$25.00 for each application on or before April 7, 2014. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on March 19th & 26th, 2014

MEMORANDUM

Date: March 4, 2014
To: Transfer 79140 File
From: Jeff Cooper
Re: Evaluation of Sufficiency of Information Submitted

Application for transfer proposes to change the point of diversion (POD) and place of use (POU) for Big Wood River right 37-22675, which is currently authorized to divert 0.19 CFS for 4.2 acres of irrigation on property located approximately 0.3 mi – 0.4 mi N & 0.5 – 0.7 mi. W of Hailey (Lot 12, River Grove Ranch Subdivision). Application proposes to change two PODs from the Big Wood River, located just upstream of the POU, to a well located approximately 250 ft from the Big Wood River, within the current authorized POU. Application also proposes to create a 4.3-acre permissible place of use (PPU) to include a small portion of ground adjacent to the current authorized POU. Right will continue to be limited to 4.2 acres within the proposed 4.3-acre PPU and continue to under the control of the Big Wood River Water District (37).

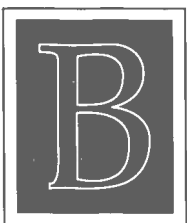
Applicant submitted a stream depletion analysis to satisfy the requirement found in Transfer Processing Memo No. 24, to show a minimum 50% response to the river after a 24-hour period. Applicant used a Glover/Balmer Stream Depletion Analysis to show an approximately 68% response within 24 hours. Utilizing the same parameters, which appeared to be reasonable, the results were successfully duplicated.

Changes occur within the Big Wood River Water District (37), so Watermaster comments will be solicited and appropriate conditions added.

- **Authority to File:**
The applicants, Douglas Walton & Diana Whiting, are currently listed as the current owners on water right 37-22675.
- **Water Right Validity:**
Right 37-22675 was partially decreed in the SRBA on August 30, 2011, therefore forfeiture is not an issue.
- **Injury to Other Water Rights:**
None anticipated.
- **Enlargement of Use:**
None anticipated.
- **Local Public Interest:**
No negative impact anticipated.
- **Beneficial Use/Conservation of Water Resources:**
Decreed uses are recognized as a beneficial use of water.

- **Effect on Economy of the Local Area:**
None anticipated.
- **Effect of the Agricultural Base of the Local Area:**
None anticipated.

Review of the application finds there is no clear inconsistency with criteria set forth in Section 42-222 Idaho Code preventing processing of this application.



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

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FEB 20 2014

DEPT. OF WATER RESOURCES
SOUTHERN REGION

February 18th 2014

Mr. Jeff Cooper
Idaho Department of Water Resources
650 Addison Ave W, Ste 500.
Twin Falls, ID 83301-3380

RE: Walton/Whiting Surface Water Right Transfer Application.

Dear Jeff,

Enclosed is a water right transfer application in the name of Douglas C. Walton and Diana L. Whiting involving a surface water right on their property north of Hailey, ID. The applicant seeks to change the place of use, change the point of diversion and change the source associated with existing Big Wood River water right 37-22675.

The application proposes to change the source from the Big Wood River to an existing ground water well and create a PPU around the applicant's property. Per IDWR's Transfer Processing Memo 24; see the attached stream depletion analysis which shows approximately 68% of the applicants pumping originates from the Big Wood River within a twenty-four hour period.

Please copy our office and Brockway Engineering on all correspondence regarding this water right transfer application. Also included is a check for \$200.00 to cover the cost of the water right transfer application. Don't hesitate to give me a call should you have any further questions or comments. Thanks for your time and assistance on this matter.

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

Regards,

Zach Latham, M.S., Hydrologist.

Enclosures: (1) Water Right Transfer Applications and Associated Map
(1) Stream Depletion Analysis
(1) Brockway Engineering Check # 11877

Cc: Mr. Doug Walton
Jim Speck